

Title (en)

Process for the preparation of 1,1,1,2-tetrachloroethane by hydrochlorination of trichloroethylene.

Title (de)

Verfahren zur Herstellung von 1,1,1,2-Tetrachlorethan durch Hydrochlorierung von Trichlorethylen.

Title (fr)

Procédé de synthèse du 1,1,1,2-tétrachloroéthane par hydrochloration du trichloréthylène.

Publication

EP 0399867 B1 19940720 (FR)

Application

EP 90401225 A 19900509

Priority

FR 8906923 A 19890526

Abstract (en)

[origin: EP0399867A1] Synthesis of 1,1,1,2-tetrachloroethane by a hydrochlorination of trichloroethylene in the presence of metal halides. In particular, ferric chloride and aluminium bromide are employed; the reaction is selective.

IPC 1-7

C07C 19/055; **C07C 17/00**

IPC 8 full level

B01J 27/128 (2006.01); **C07B 61/00** (2006.01); **C07C 17/08** (2006.01); **C07C 17/087** (2006.01); **C07C 19/055** (2006.01)

CPC (source: EP KR)

C07C 17/08 (2013.01 - KR); **C07C 17/087** (2013.01 - EP); **C07C 19/055** (2013.01 - KR)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0399867 A1 19901128; **EP 0399867 B1 19940720**; AT E108758 T1 19940815; CA 2016845 A1 19901126; CN 1047490 A 19901205; DE 69010773 D1 19940825; DE 69010773 T2 19950309; DK 0399867 T3 19941031; ES 2057466 T3 19941016; FI 902636 A0 19900525; FR 2647439 A1 19901130; IE 901882 L 19901126; JP H0317028 A 19910125; KR 900017970 A 19901220; KR 920006537 B1 19920808; NO 172534 B 19930426; NO 172534 C 19930804; NO 902167 D0 19900515; NO 902167 L 19901127; PT 94162 A 19910108; PT 94162 B 19961231

DOCDB simple family (application)

EP 90401225 A 19900509; AT 90401225 T 19900509; CA 2016845 A 19900515; CN 90103796 A 19900526; DE 69010773 T 19900509; DK 90401225 T 19900509; ES 90401225 T 19900509; FI 902636 A 19900525; FR 8906923 A 19890526; IE 188290 A 19900524; JP 13515790 A 19900524; KR 900006748 A 19900511; NO 902167 A 19900515; PT 9416290 A 19900525